

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2003-238425

(43)Date of publication of application : 27.08.2003

(51)Int.Cl.

A61K 35/78
A61K 7/00
A61K 7/48
A61K 31/353
A61P 43/00

(21)Application number : 2002-040563

(71)Applicant : TOYO SHINYAKU:KK

(22)Date of filing : 18.02.2002

(72)Inventor : TAKAGAKI KINYA
MARUYAMA SHINJIRO

(54) THYROSINASE INHIBITOR AND SKIN EXTERNAL AGENT

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a new tyrosinase inhibitor and a skin external agent.

SOLUTION: This tyrosinase inhibitor is obtained from a pine bark extract preferably containing ≥ 20 wt.% OPC (oligomeric prothocyanidine) and ≥ 5 wt.% catechin. The skin external agent incorporated with the tyrosinase inhibitor can be provided as the skin external agent inhibiting collagenase. Since these are derived from natural products, they are safe.